

CECW-EG

DEPARTMENT OF THE ARMY
US Army Corps of Engineers
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Engineer Manual
No. 1110-2-2005

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Engineering and Design
STANDARD PRACTICE FOR SHOTCRETE

- 1. Purpose.** This manual provides information and guidance on the selection, proportioning, and application of shotcrete as a construction material.
- 2. Applicability.** This manual applies to all HQUSACE/OCE elements, major subordinate commands, districts, laboratories, and field operating activities (FOA) having civil works responsibilities.
- 3. Discussion.** This manual describes general construction procedures using shotcrete. It includes both the dry-mix process, in which most of the mixing water is added at the nozzle and the wet-mix process, in which all of the materials are mixed before entering the delivery hose. Additional information on concrete properties and mixing proportioning are available in EM 1110-2-2000, "Standard Practice for Concrete."

FOR THE COMMANDER:



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